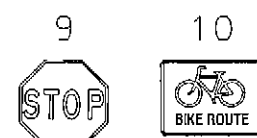
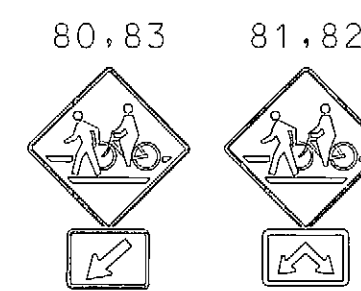


MD 212 IS ASSUMED TO RUN
IN A SOUTH/NORTH DIRECTION

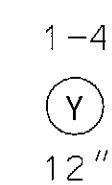
EXISTING SIGNS



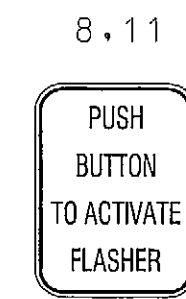
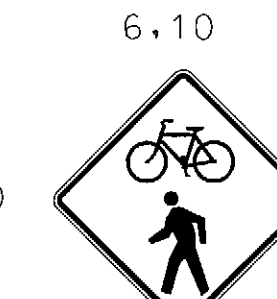
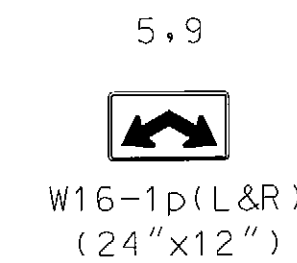
EXISTING SIGNS TO BE REMOVED



PROPOSED LED SIGNALS



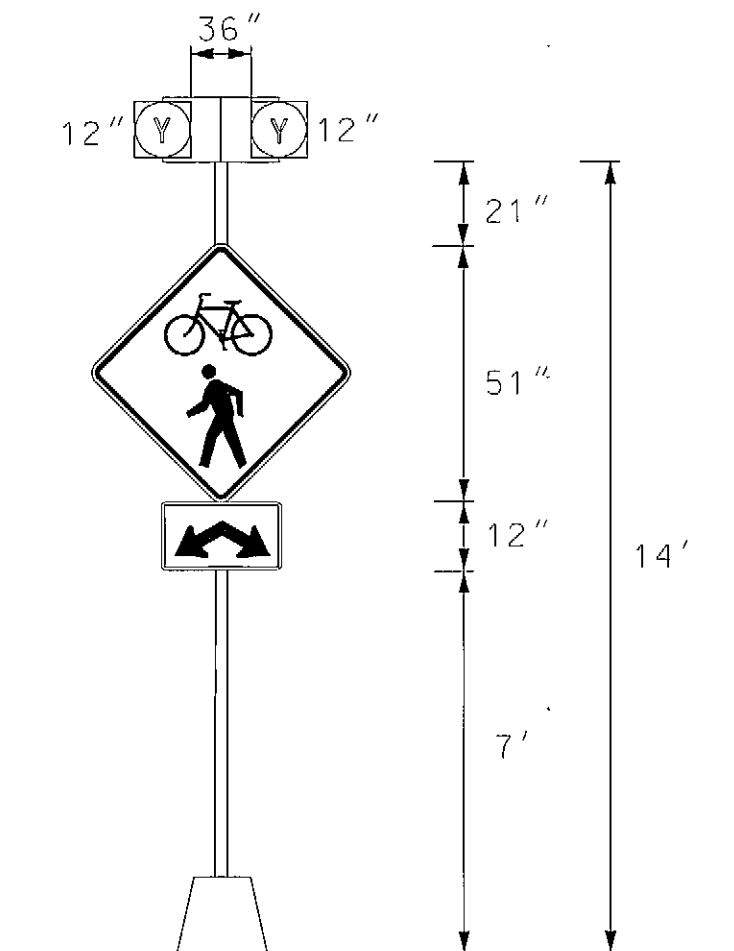
PROPOSED SIGNS



NEMA PHASING

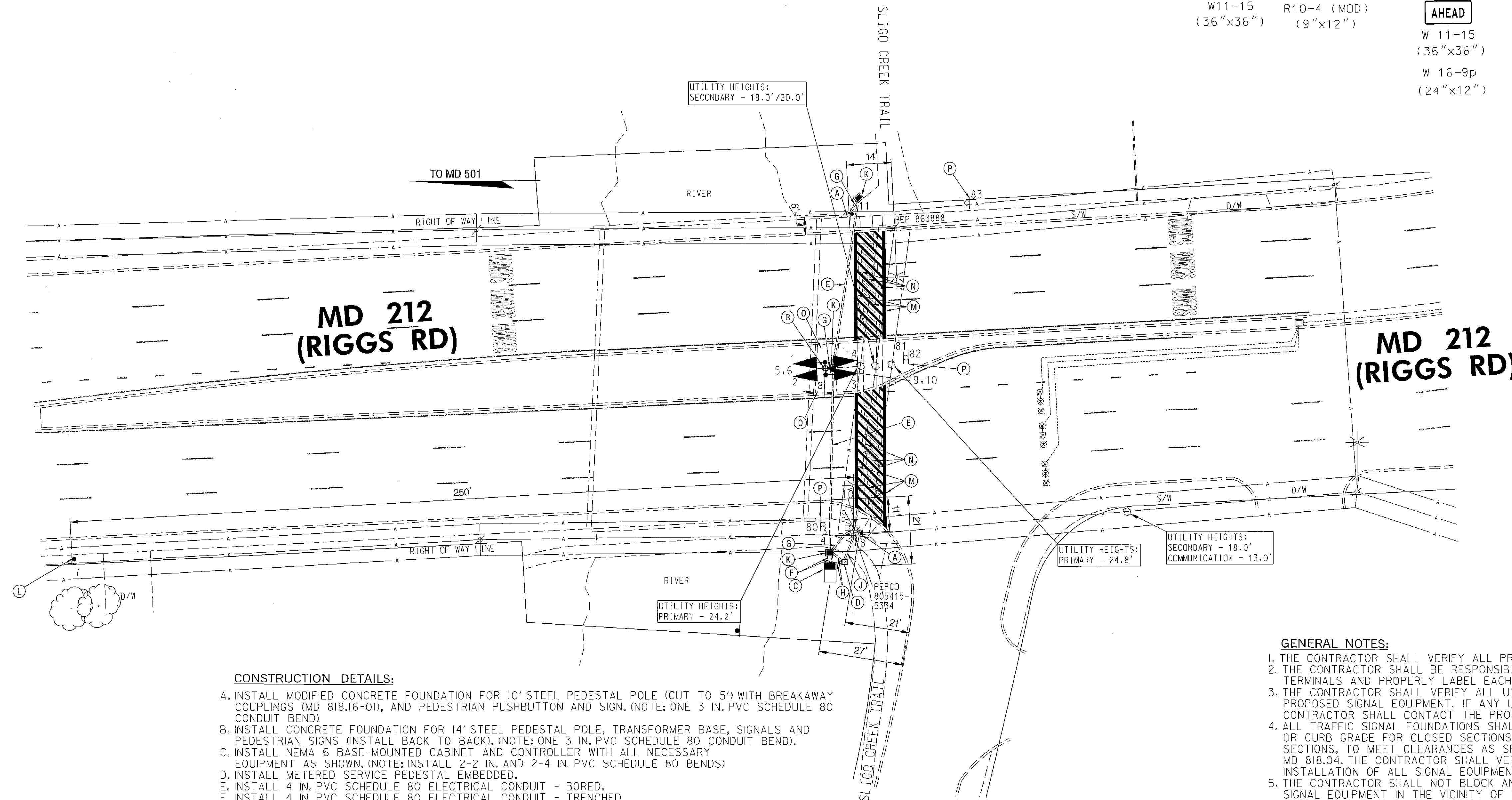


FLASHING YELLOW
ALTERNATELY
WHEN ACTIVATED



PROPOSED HAZARD
IDENTIFICATION BEACON
(HIB)

NOTE: SIGNALS AND PEDESTRIAN SIGNS
TO BE INSTALLED BACK TO BACK.



CONSTRUCTION DETAILS:

- INSTALL MODIFIED CONCRETE FOUNDATION FOR 10' STEEL PEDESTAL POLE (CUT TO 5') WITH BREAKAWAY COUPLINGS (MD 818.16-01), AND PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
- INSTALL CONCRETE FOUNDATION FOR 14' STEEL PEDESTAL POLE, TRANSFORMER BASE, SIGNALS AND PEDESTRIAN SIGNS (INSTALL BACK TO BACK). (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL NEMA 6 BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 BENDS)
- INSTALL METERED SERVICE PEDESTAL EMBEDDED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.
- INSTALL HANDHOLE.
- INSTALL GROUND MOUNTED SIGN ON 4' X 4' WOOD POST.
- INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING WITH HATCHING IN PLACE FOR CROSS WALK.
- REMOVE EXISTING PAVEMENT MARKING.
- REMOVE EXISTING CONCRETE SECTION AT THE JOINTS (CURB AND GUTTER TO REMAIN) FOR POLE FOUNDATION AND HANDHOLE INSTALLATION. INSTALL NEW CONCRETE SIDEWALK AFTER SIGNAL FOUNDATION AND HANDHOLE INSTALLATION. FOUNDATION TO BE POURED TO GRADE (TOP OF SIDEWALK).
- REMOVE EXISTING SIGN AND POST.

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL NOT BLOCK ANY BRIDGE END MARKERS WHEN INSTALLING NEW SIGNS OR SIGNAL EQUIPMENT IN THE VICINITY OF THE END OF THE BRIDGE.

TOD NO: XX354-26
SHA NO: PG901A58/K58
MD 208 @ Northwest Branch Trail
MD 212 @ Sligo Creek Trail
MD 410 @ Sligo Creek Trail



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 212 AT SLIGO CREEK TRAIL
HYATTSVILLE, MD

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD --- SD --- STORM DRAIN
G --- G --- GAS MAIN
W --- W --- WATER MAIN
S --- S --- SEWER MAIN
E --- E --- ELECTRIC CABLES
A --- A --- AERIAL CABLES
T --- T --- TELEPHONE CABLES
F --- F --- FIBER-OPTIC

APPROVALS

TEAM LEADER
ASSISTANT CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

SIGNALIZATION PLAN SHEET

SCALE: 1" = 20' DATE: 10/10 CONTRACT NO.: XX3545168R

DESIGNED BY: XM COUNTY: PRINCE GEORGE'S
DRAWN BY: XM LOGMILE: 16021201.19
CHECKED BY: JB TIMS NO.: K182
F.A.P. NO.: TOD NO.:

TS NO. 4776 DRAWING - OF SHEET NO. 1 OF 2



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PLOTTED: Wednesday, December 15, 2010 AT 04:01 PM
FILE: P:\09-002 TEDD\Task 33 MD Prince Georges H9\Drawings\CADD\Working\MD 212 @ Sligo Creek Trail\p5G-F001_M0212@SligoRy.dgn